| | į | | , , | JC10 Rec'd PCT/PTO 1 3 NOV 2001 | | | | | | |
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| ORM P | TÕ-139 -2000) | 00 (Modified) U.S. DEPARTME | IMERCE PATENT AND TRADEMARK OF | ATTORN DOCKET NUMBER | | | | | | |
| (| TF | RANSMITTAL LETTE | THE UNITED STATES | 49386- (71995) | | | | | | |
| | | DESIGNATED/ELEC | U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR | | | | | | | |
| | | | ING UNDER 35 U.S.C. 371 | 10/2019265 | | | | | | |
| INTER | | IONAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED | | | | | | |
| |] | PCT/US00/12773 | 10 MAY 2000 | May 10, 1999 // P | | | | | | |
| SYST | ГЕМ | NVENTION IS AND METHODS FOR S | SPINAL FIXATION | υ · · · · · · · · · · · · · · · · · · · | | | | | | |
| APPLI | CANI | T(S) FOR DO/EO/US Allen CAl | RL, Ricky HART and Josef WINK | LER | | | | | | |
| Appli | cant h | nerewith submits to the United | States Designated/Elected Office (DO/EC | /US) the following items and other information: | | | | | | |
| 1. | \boxtimes | This is a FIRST submission of | of items concerning a filing under 35 U.S. | C. 371. | | | | | | |
| 2. | | | EQUENT submission of items concerning | | | | | | | |
| 3. | × | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include itens (5), (6), (9) and (24) indicated below. | | | | | | | | |
| 4. | | | he expiration of 19 months from the priori | ity date (Article 31). | | | | | | |
| ⊨ 5. | \boxtimes | A copy of the International A | pplication as filed (35 U.S.C. 371 (c) (2)) | | | | | | | |
| 10 to | | a. 🛛 is attached hereto (re | equired only if not communicated by the | International Bureau). | | | | | | |
| nun unn | | b. 🗷 has been communication | ated by the International Bureau. | | | | | | | |
| uj | | | ne application was filed in the United State | · · · · · · · · · · · · · · · · · · · | | | | | | |
| 6. | | | ion of the International Application as file | d (35 U.S.C. 371(c)(2)). | | | | | | |
| 01 | | a. is attached hereto. | | | | | | | | |
| ut . | _ | | submitted under 35 U.S.C. 154(d)(4). | | | | | | | |
| ≋ 7. • ఓ£ | | | the International Application under PCT | | | | | | | |
| | | | (required only if not communicated by the | International Bureau). | | | | | | |
| ű. | | | cated by the International Bureau. | t vom stell | | | | | | |
| ijį. | | | ; however, the time limit for making such | amendments has NOT expired. | | | | | | |
| 100 May 80 May 100 May | _ | | and will not be made. | POT 1 2 1 10 (25 H G O 271/2/2) | | | | | | |
| .8i 9. | № | | ion of the amendments to the claims under | PCT Article 19 (35 U.S.C. 3/1(c)(3)). | | | | | | |
| | × | | inventor(s) (35 U.S.C. 371 (c)(4)). | liminant Evamination Danast under DCT | | | | | | |
| 10. | | An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). | | | | | | | | |
| 11. | × | • • | A copy of the International Preliminary Examination Report (PCT/IPEA/409). | | | | | | | |
| 12. | × | A copy of the International Se | | | | | | | | |
| | | | nent(s) or information included: | | | | | | | |
| 13. | | | tatement under 37 CFR 1.97 and 1.98. | | | | | | | |
| 14. | | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | | | | | |
| 15. | ⊠ □ | A FIRST preliminary amendment. | | | | | | | | |
| 16. | | A SECOND or SUBSEQUENT preliminary amendment. | | | | | | | | |
| 17. | | A substitute specification. | | | | | | | | |
| 18. | | A change of power of attorney and/or address letter. | | | | | | | | |
| 19. 20 | | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. A second copy of the published international application under 35 U.S.C. 154(d)(4). | | | | | | | | |
| 20. 21. | . D | A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). | | | | | | | | |
| 21. 22. | ⊠ | Certificate of Mailing by Express Mail EL 789783597 US | | | | | | | | |
| 23. | ⊠ ⊠ | Other items or information: | ress Maii EL /05/03/5/ 05 | | | | | | | |
| 23. | | PCT/IPEA/402 | PCT/RO/105 | Preliminary Amendment | | | | | | |
| | | PCT/RO 101 | PCT/IPEA/408 | PCT/ISA/220 | | | | | | |
| | | PCT/IB/304 | PCT/IPEA/416 | PCT/RO/105 | | | | | | |
| ł | | PCT/IB/308 | PCT/IPEA/409 | PCT/IPEA/401 | | | | | | |

| O.S. APPLICATIO | oJ=6./30192 | PCT/US00/127 | | O. | 7 1 | CIP (71995) | | |
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| 24. The f | following fees are submitted:. | | | | CALCULATION | S PTO USE ONLY | | |
| | AL FEE (37 CFR 1.492 (a) (1) - | | | | | | | |
| internation | ternational preliminary examination nal search fee (37 CFR 1.445(a)(2)) ational Search Report not prepared | paid to USPTO | | \$1040.00 | | | | |
| ☐ Internation USPTO be | nal preliminary examination fee (37 ut International Search Report prep | \$890.00 | | | | | | |
| ☐ Internation | nal preliminary examination fee (37 ational search fee (37 CFR 1.445(a) | \$740.00 | | | | | | |
| | nal preliminary examination fee (37) ims did not satisfy provisions of PC | \$710.00 | | | | | | |
| | nal preliminary examination fee (37 ims satisfied provisions of PCT Ar | ticle 33(1)-(4) | | \$100.00 | <u> </u> | · · · · · · · · · · · · · · · · · · · | | |
| | ENTER APPROPRI | ATE BASIC FEE AM | OUI | VT = | \$710.00 | | | |
| Surcharge of \$130 months from the | 0.00 for furnishing the oath or decleration claimed priority date (37 C | aration later than | 0 | □ 30 | \$0.00 | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | <u> </u> | RATE | | | | |
| Total claims | 30 - 20 = | 10 | х | \$18.00 | \$180.00 | | | |
| Independent clain | ns 10 - 3 = | 7 | х | \$84.00 | \$588.00 | | | |
| Multiple Depende | ent Claims (check if applicable). | | <u> </u> | | \$0.00 | | | |
| | | ABOVE CALCULAT | | | \$1,478.00 | | | |
| reduced by | aims small entity status. See 37 CF 1/2. | | \$739.00 | | | | | |
| i j | | SUB' | TO | TAL = | \$739.00 | | | |
| Processing fee of months from the | \$130.00 for furnishing the English earliest claimed priority date (37 C | translation later than \Box 2 FR 1.492 (f)). | 0 | □ 30 + | \$0.00 | | | |
| | | TOTAL NATIONAL | L FI | E E = | \$739.00 | | | |
| Eee for recording accompanied by a | the enclosed assignment (37 CFR in appropriate cover sheet (37 CFR | 1.21(h)). The assignment must b 3.28, 3.31) (check if applicabl | be le). | | \$0.00 | | | |
| ind. | | TOTAL FEES ENCL | OS | ED = | \$739.00 | | | |
| #son# | | | | | Amount to be: refunded | \$ | | |
| ± | | | | | charged | \$ | | |
| a. 🔀 A | check in the amount of \$739 | | | | | | | |
| | ease charge my Deposit Account N duplicate copy of this sheet is encl- | | ount (| of | to cover t | he above fees. | | |
| | ne Commissioner is hereby authorized Deposit Account No. 04-110 | - · · · · · · · · · · · · · · · · · · · | | | juired, or credit any | overpayment ' | | |
| | ees are to be charged to a credit care formation should not be included | | | | | | | |
| NOTE: Where a | an appropriate time limit under 3 nust be filed and granted to resto | 7 CFR 1.494 or 1.495 has not b | oeen r | net, a petitio | | | | |
| | RESPONDENCE TO: | or the approximation to pending of | | 11 | 250 |). () | | |
| William J. Dale | y Jr. (Reg. No. 35,487) | | | 1/Ma | ~ J Day | ey | | |
| | Roberts & Cushman | , | SIC | GNATURE | • | <i>3</i> | | |
| | perty Practice Group of | | WILLIAM J. DALEY, JR. | | | | | |
| EDWARDS & A | ANGELL, LLP | | NAME | | | | | |
| Boston, MA 02 | 209 | | 25 497 | | | | | |
| Telephone: 61 | | | 35,487 | | | | | |
| Fax: 61 | 7-439-4170 | | REGISTRATION NUMBER | | | | | |
| | | | DATE DATE | | | | | |

TRANSMITTAL LETT TO THE UNITED STATES RECEIVED GOFFICE

المنظمة الأساء الأسائل المائل عن السائل المائل المائل المائل المائل المائل المائل المائل المائل

Date November 13, 2001
International Application PCT/US00/12773
Attorney Docket No. 49,386-CIP 971

| Express Mail mailing number Date of Deposit | PTO-1 | 382 | (Rev. | 4-1995) (Modif | ied) | F PC | CTUS2.FRP/RE | V03 | Attor | ney D | ocket No. | | 49. | ,386-CIP 971 | |
|--|--|---|---|---------------------------|---|----------------------|-----------------------|----------------------|---------------------------------|--|------------|------------|------------------|---------------------------------------|---|
| Express Mail mailing number Date of Deposit | I. | | Cer | tification und | ler 3 | 7 CFR 1.10 (if ap | plicable) | | JC13 Rec'd PCT/PTO 1 3 NOV 2001 | | | | | | |
| The reby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service Stappers Mail Foot Office to Addressee "service under 37 CFR 1.10 on the date indicated above and is addressed to Assis Community of the Community of | | | | E | L 78 | 9783597 US | No | | | | | November | | | |
| "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assis Commissioner for Patents, Washington, Doz. 2023 William J. Daley, Jr. | | | | Expre | ss M | ail mailing number | | | | | | | Date of Deposit | | |
| Typed or printed name of person mailing correspondence | | I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 2023 | | | | | | | | | | | | nt | |
| II. New International Application SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply): A. The invention disclosed was not made in the United States. B. There is no prior U.S. application relating to this invention. C. The following prior U.S. application relating to this invention. C. The following prior U.S. application in a subject matter which is related to the invention disclosed in the attact international application. (NOTE: priority to these applications may or may not be claimed on form PCTRO/101 (Request) and this listing does not constitute a claim for priority). application no. application in the state of the priority of these applications may or may not be claimed on form PCTRO/101 (Request) and this listing does not constitute a claim for priority). E. The present international application of initial contains less subject matter than that found in the prior U.S. application of initial application of the priority of the description pages of the abstract pages of the description pages of the description pages of the description pages of the abstract pages. D. A power of Attorney (General or Regular) Priority document Priority Documents Priority docum | | | | 1.1 Llh | i | ~ 1.Da | les - | William J. Daley, Jr | | | | | | | |
| SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply): A. | | | | Signature of p | erso | n mailing correspond | dence 🗸 |] | | Typed or printed name of person mailin | | | | ng correspondence | |
| SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply): A. | | | | | | | | | | | | | | | |
| SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply): A. | II. | 띧 | New | International Application | | | | | | | | | | | _ |
| application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply): A. | | TIT | ΓLE | Systems and | l Met | thods for Spinal Fix | xation | | | | | | Earlies (Day/ | t priority date Month/Year) | |
| application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply): A. | | | | | | | | | | | | | | | |
| application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply): A. | | L | | | | | | | | | | | | | |
| B. | 13 | application for purposes of determining whether a license for foreign transmittal should and could be granted and for | | | | | | | | | | | | | |
| B. | , | A The invention disclosed was not made in the United States | | | | | | | | | | | | | |
| C. The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attace international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority). application no. |] : | | | | | | | | | | | | | | |
| international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority). application no. | i | | | | • | • • | • | | | ich ic | related to | the invent | ion discle | seed in the attached | d |
| application no. D. | | C. | international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 | | | | | | | | | | | | u |
| D. | | <u> </u> | applic | cation no. | | | filed on | | | | | | | | |
| application(s) identified in paragraph C. E. The present international application | i | Г | appli | cation no. | | | filed | | | n | | | | | |
| identified in paragraph C. above. The additional subject matter is found on pages and □ DOES NOT ALTER □ MIGHT BE CONSIDERED TO ALTER the general nature of the invention is manner which would require the U.S. application to have been made available for inspection by the appropriate defeagencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15 III. □ A Response to an Invitation from the RO/US. The following document(s) is (are) enclosed: A. □ A Request for An Extension of Time to File a Response B. □ A Power of Attorney (General or Regular) C. □ Replacement pages: pages □ of the request (PCT/RO/101) pages □ of the figures pages □ of the description pages □ of the abstract pages □ of the claims D. □ Submission of Priority Documents Priority document □ Priority document E. □ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex IV. □ A Request for Rectification under PCT 91 □ A Petition □ A Sequence Listing Diskette V. ☑ Other (please specify): National Stage Filing Under 37 USC 371 The person □ Applicant □ William J. Daley, Jr. Typed name of signer △ Attorney/Agent (Reg. No.) □ Typed name of signer △ | | Ď. | | • | ••• — — • • • • • • • • • • • • • • • • | | | | | | | | .S. | | |
| A. A Request for An Extension of Time to File a Response B. A Power of Attorney (General or Regular) C. Replacement pages: pages of the request (PCT/RO/101) pages of the figures pages of the description pages of the abstract pages of the claims D. Submission of Priority Documents Priority document Priority document E. Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex IV. A Request for Rectification under PCT 91 A Petition A Sequence Listing Diskette V. Other (please specify): National Stage Filing Under 37 USC 371 The person Applicant William J. Daley, Jr. Typed name of signer A | | E. | E. The present international application contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages and DOES NOT ALTER MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense | | | | | | | | | | | | |
| B. | III. | П | A R | esponse to an | Inv | itation from the I | RO/US. The fo | llowing d | ocumen | t(s) is | (are) encl | osed: | | · · | |
| B. | | <u> </u> | П | A Reque | est fo | or An Extension of | Time to File a | Response | | | | | | | • |
| C. | | R | | • | | | • | | | | | | | | |
| pages of the request (PCT/RO/101) pages of the figures pages of the description pages of the abstract D. Submission of Priority Documents Priority document Priority document E. Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex IV. A Request for Rectification under PCT 91 A Petition A Sequence Listing Diskette V. Other (please specify): National Stage Filing Under 37 USC 371 The person signing this Attorney/Agent (Reg. No.) Attorney/Agent (Reg. No.) | | | | | | • • | or Regular) | | | | | | | | |
| pages of the description pages of the abstract D. | | C. | Ш | Kepiace | ment | pages: | | | | | | | | | |
| D. Submission of Priority Documents Priority document E. Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex IV. A Request for Rectification under PCT 91 A Petition A Sequence Listing Diskette V. Other (please specify): National Stage Filing Under 37 USC 371 The person signing this Applicant William J. Daley, Jr. Typed name of signer A | | | | pages | | | of the request (PCT/R | | (101) | pages | | | | · · · · · · · · · · · · · · · · · · · | 4 |
| D. Submission of Priority Documents Priority document E. Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex IV. A Request for Rectification under PCT 91 A Petition A Sequence Listing Diskette V. Other (please specify): National Stage Filing Under 37 USC 371 The person signing this Applicant William J. Daley, Jr. Typed name of signer A | | | | pages | ╀ | | | | | pag | pages | | | f the abstract | |
| Priority document E. Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex IV. A Request for Rectification under PCT 91 A Petition A Sequence Listing Diskette V. Other (please specify): National Stage Filing Under 37 USC 371 The person signing this Applicant William J. Daley, Jr. Typed name of signer A | | | pages of the claims | | | | | | | J | | | | | |
| E. Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex IV. A Request for Rectification under PCT 91 A Petition A Sequence Listing Diskette V. Other (please specify): National Stage Filing Under 37 USC 371 The person signing this Applicant William J. Daley, Jr. Typed name of signer A | | D. | Ц, | Submissio | on of Priority Documents | | | | | | | | | | |
| IV. A Request for Rectification under PCT 91 A Petition A Sequence Listing Diskette V. Other (please specify): National Stage Filing Under 37 USC 371 The person signing this Attorney/Agent (Reg. No.) A Petition A Sequence Listing Diskette William J. Daley, Jr. Typed name of signer A | | | l | Priority docum | ent | | Priority document | | | | | | | | |
| V. Other (please specify): National Stage Filing Under 37 USC 371 The person signing this Attorney/Agent (Reg. No.) Applicant William J. Daley, Jr. Typed name of signer A | E. Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex | | | | | | | | | | | | | | |
| The person signing this Attorney/Agent (Reg. No.) Applicant William J. Daley, Jr. Typed name of signer A | IV. | A Request for Rectification under PCT 91 A Petition A Sequence Listing Diskette | | | | | | | | | | | | | |
| The person Attorney/Agent (Reg. No.) Typed name of signer Typed name of signer | v. Other (please specify): National Stage Filing Under 37 USC 371 | | | | | | | | | | | | | | |
| signing this Attorney/Agent (Reg. No.) Typed name of signer | The = | erece | | Applican | t | | William J. Daley, Jr. | | | | | | | | |
| torm is the LIVI 25 407 | signin | g this | ; | Attorney/ | Agen | it (Reg. No.) | , , , | | | Ту | ped name o | f signer 🐧 | | | |
| Common Representative | (Nelline 1) ally | | | | | | | | | | | | | | |